

Comparison of Collagenase and Trypsin properties

	Collagenase	Trypsin
1. Site of Action	collagen, reticulin and other intercellular substances	cellular and intercellular mucoproteins
2. pH optimum	6.5 - 7.8	7.8 - 8.7
3. Optimal activity	with Ca ²⁺ and Mg ²⁺	without Ca ²⁺ and Mg ²⁺
4. Impact on cells	no damage to cell membranes	damage to cell membranes
5. Effects of serum	collagenase may be inhibited, depending on serum lot and collagenase type, inhibition somewhat less as compared to trypsin.	clear drop in activity



BIOCHROM AG

Leonorenstraße 2-6
D- 12247 Berlin

Tel.: +49(0)30.779 90 60
Fax: +49(0)30.771 00 12
E-Mail: info@biochrom.de
Web: www.biochrom.de